

SMARTSCAPE

A Training Program for Landscape Professionals™

25 Years of Promoting Water-Efficient Landscapes

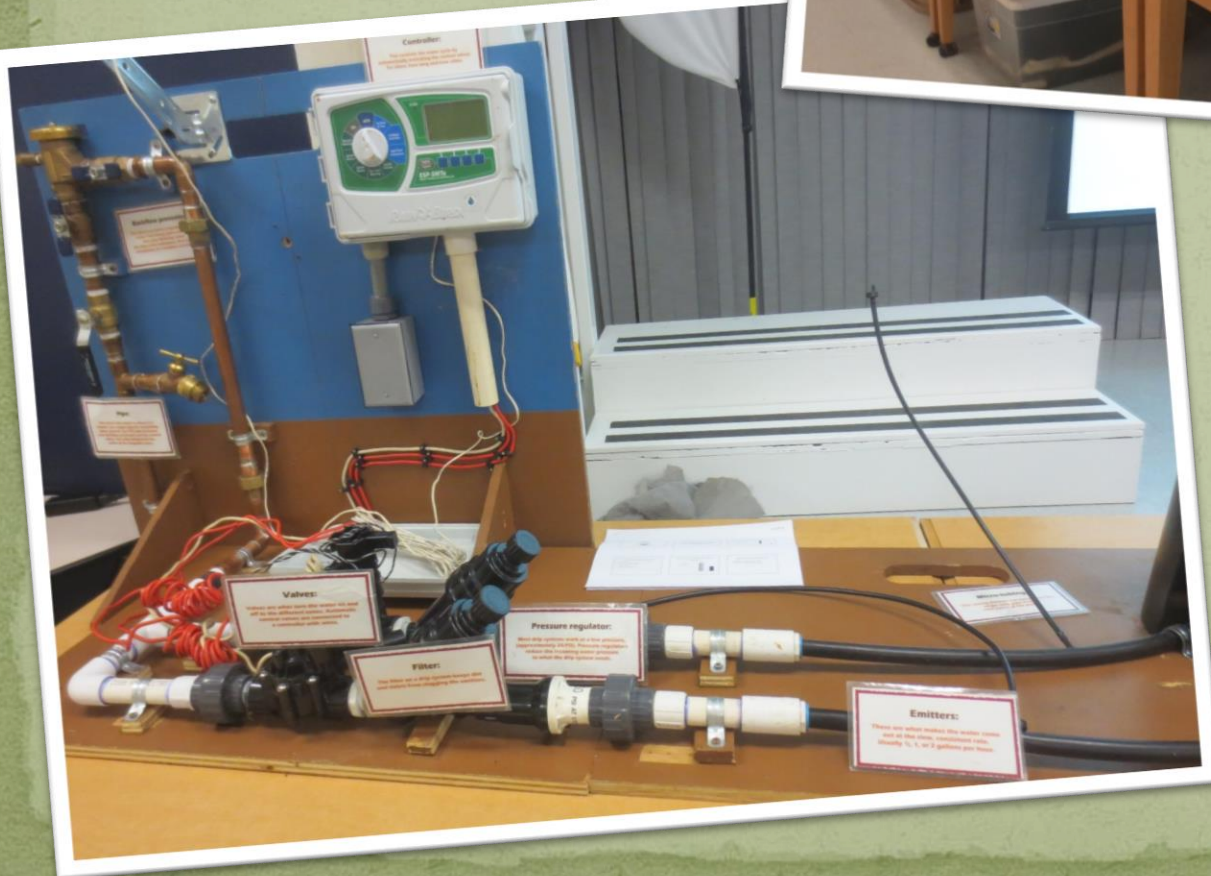


Smartscape

Xeriscape



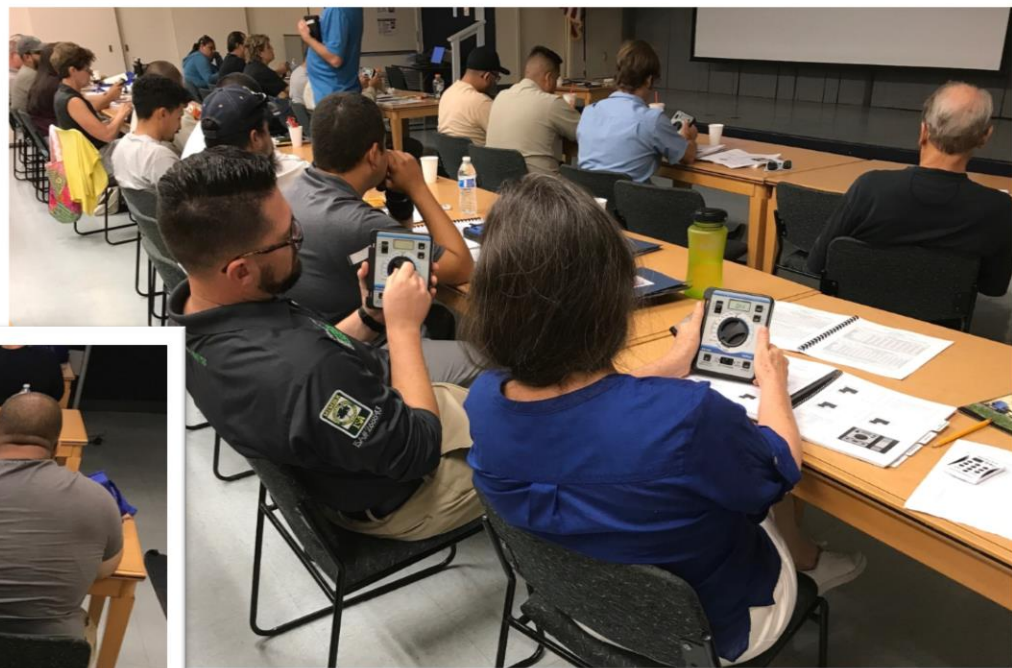
promoting water
efficiency







So cool!





Our fabulous instructors integrate their knowledge and experience with the science foundation of the programs.

Smartscape

Ursula Schuch	Plants, Soil, and Water
Judy Mielke	Landscape Design and Renovation
Kirti Mathura	Plant Selection and Installation / Desert Adapted Plants
Jeff Lee	Drip Irrigation Design and Installation
Rick Templeton	Landscape Water Management & Irrigation Controllers
Steve Priebe	Maintaining Desert Adapted Plants
Shannon Scott	Plant Disorders

Spanish Smartscape

Raul Puente	Soils, Plants, and Water / Landscape Design and Renovation / Desert Adapted Plants
Jaime Toledano	Plant Selection and Installation / Maintaining Desert Adapted Plants / Plant Disorders
Tom Wright	Drip Irrigation Design and Installation / Landscape Water Management & Irrigation Controllers

Advanced: Irrigation

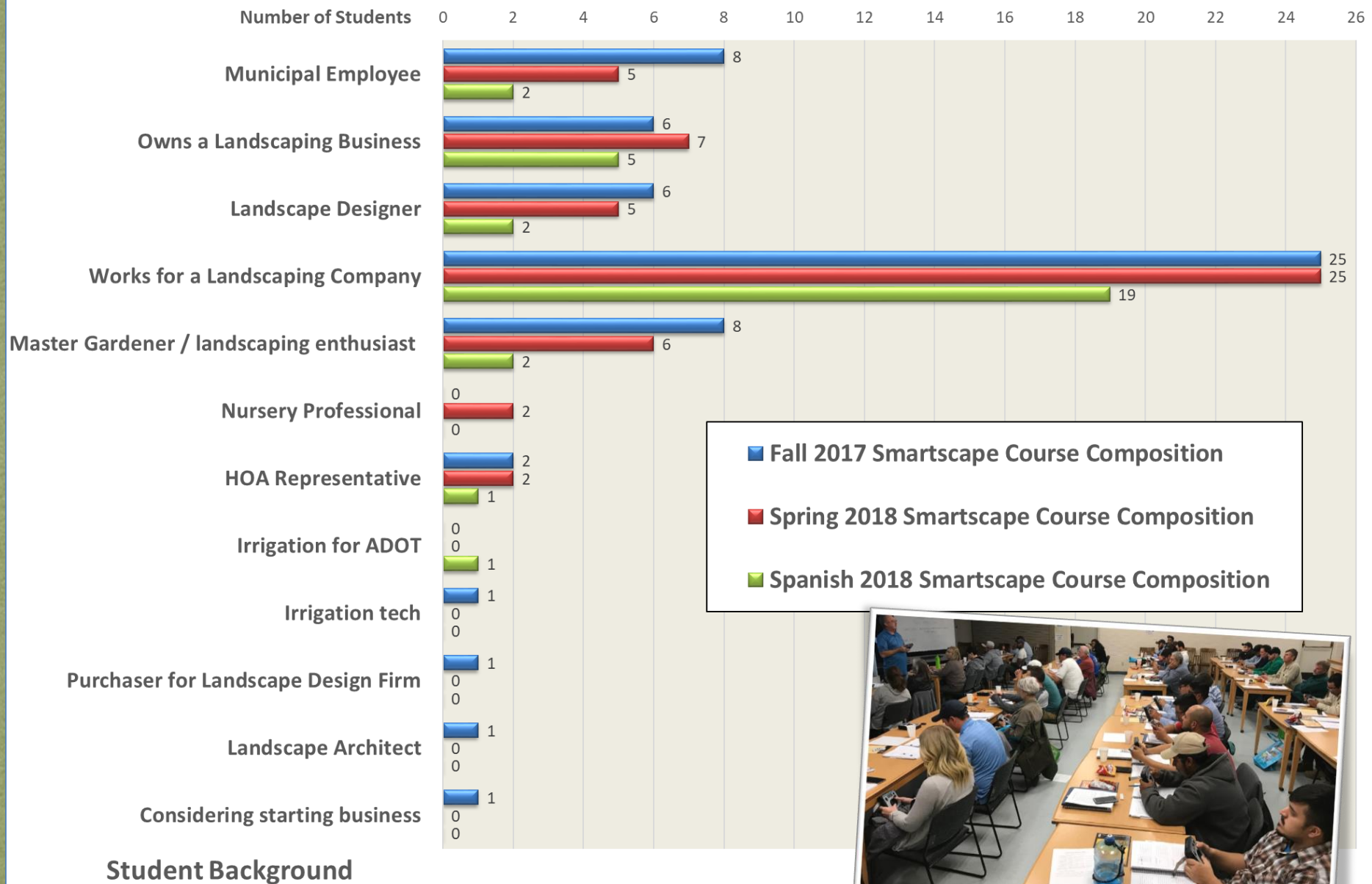
Jeff Lee	Irrigation Design
Rick Templeton	Irrigation Management
Doug Donahue	Irrigation Maintenance & Installation

Plus representatives from ANA, ACTC, ALCA, ASLA, WMG, Turf School, etc., introduce students to other resources available in the Valley.

Support from outside organizations: Short Topics



Who are we reaching?



Smartscape Numbers: Registrations & Graduates

Smartscape

Year	Grads	Registered
2017	90	125
Spring 2017	48	65
Fall 2017	42	60
2018	111	161
Spring 2018	43	60
Spanish 2018	23	36
Fall 2018	45	65
2019	60	156
Spring 2019	47	66
Spanish 2019	13	25
Fall 2019		65
Total Graduates through FY 18/19:		1694
Total Registered:		2278

Advanced Smartscape: Irrigation

Year	Grads	Registered
2011	38	48
2012	27	33
2013	26	30
2014	34	41
2015	37	54
2016	51	55
2017	41	46
2018	49	55
2019	31	37
Total Graduates through 2019:		334
Total Registered:		399

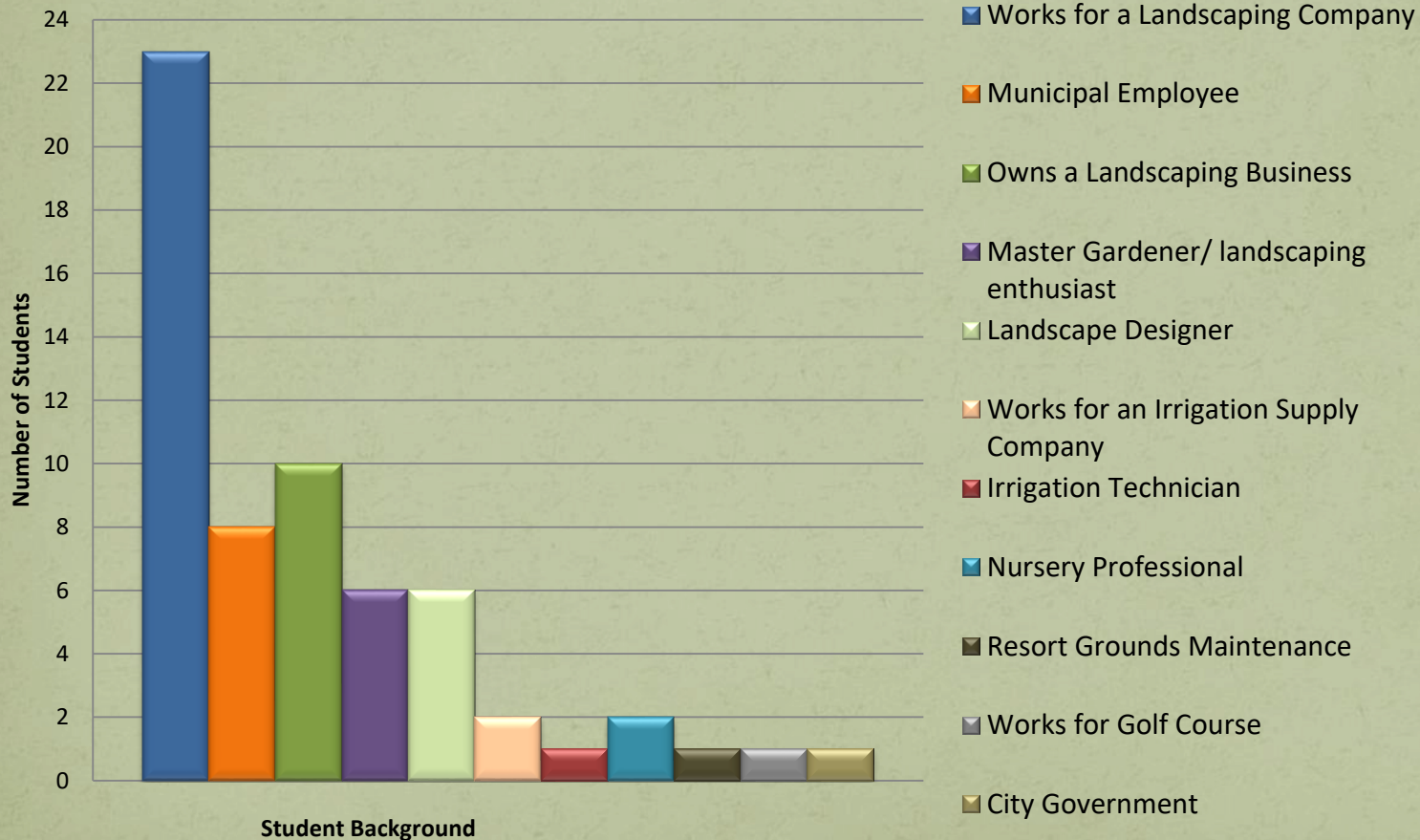
Smartscape Programs

Year	Grads	Registered
2017	131	171
Spring 2017	48	65
Fall 2017	42	60
Advanced 2017	41	46
2018	161	216
Spring 2018	43	60
Fall 2018	45	65
Spanish 2018	24	36
Advanced 2018	49	55
2019	95	193
Spring 2019	51	66
Fall 2019		65
Spanish 2019	13	25
Advanced 2019	31	37
Program Graduates through FY 18/19:		2033
Total Registered:		2677

Who are we reaching?

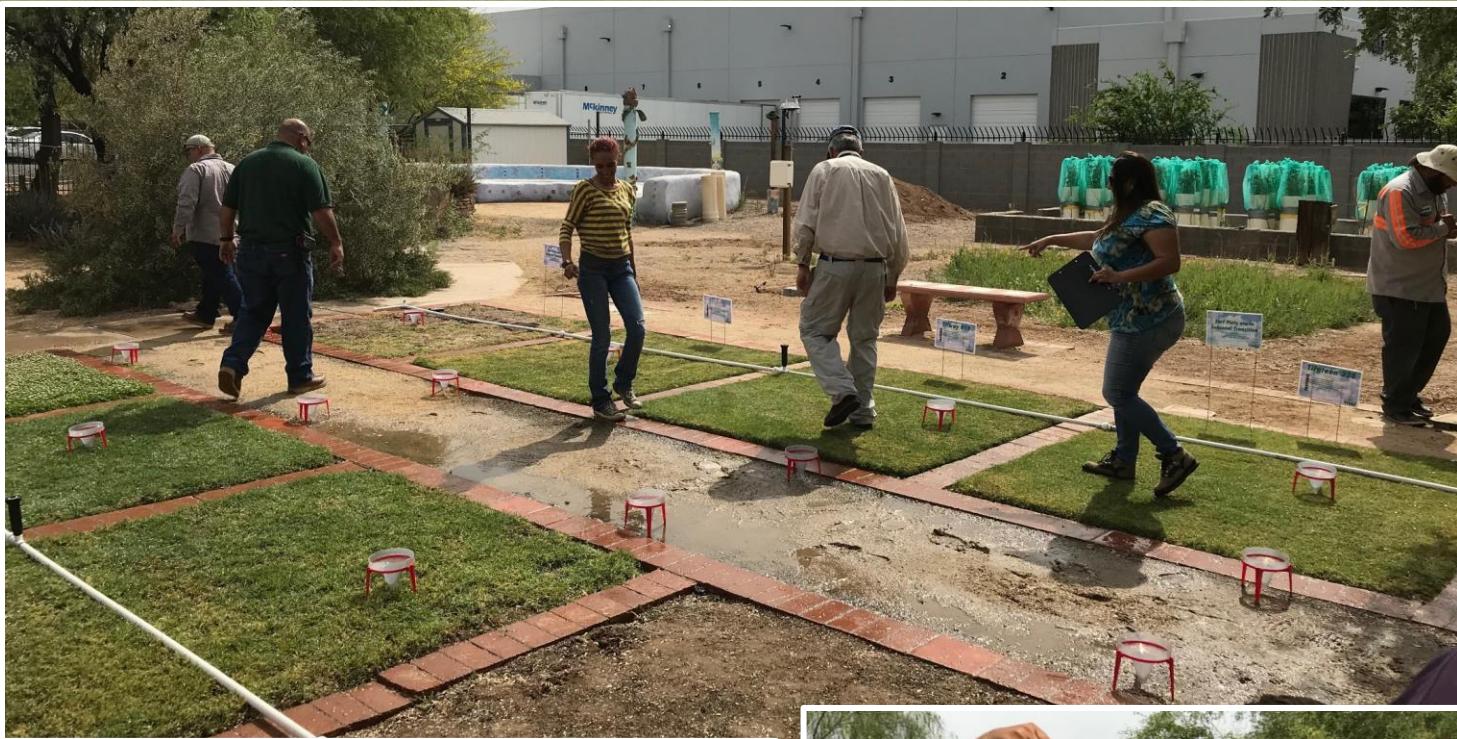


2018 Advanced Smartscape Course Composition

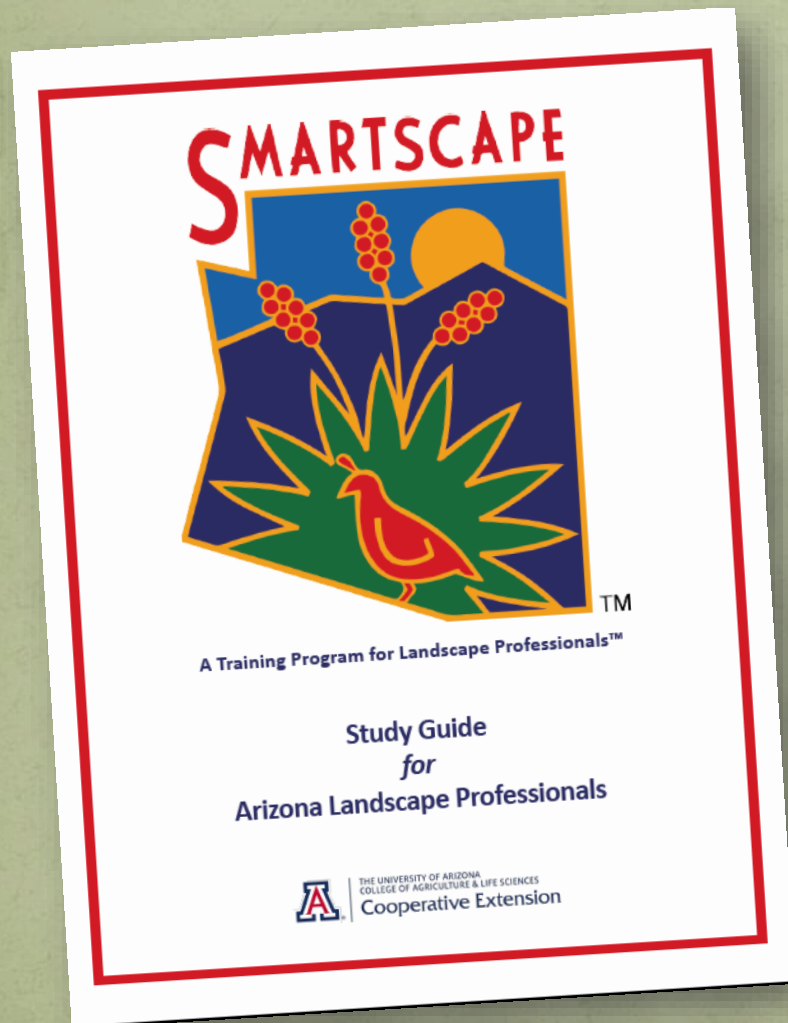


Advanced Smartscape: Irrigation





The Smartscape *Study Guide* editing was completed in December 2017, and printed for use in the Smartscape courses in 2018.



The *Study Guide* complements and expands upon the information covered in each class of the Smartscape course, and offers additional workplace safety information and review questions.

Español, Anyone?

Spanish Smartscape launched in Maricopa County!





We did it!



¡Lo hicimos!

New!

No longer a take-home, open-book opportunity!

Back to the original 10-class program



Name: _____

Smartscape Test – Fall 2018

You must get a score of at least 70% to pass the test and receive a certificate of completion, and be listed in the online directory of Smartscape graduates.

You have until 5:50 pm to complete the test

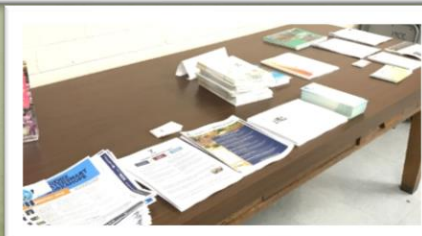
An exam review will take place Wednesday, August 8th

Clearly circle the correct answer (only one) for each question

1. Arizona soils are typically very:
 - a. Alkaline
 - b. Acidic
2. What are the three soil textures?
 - a. Caliche, loam, and mud
 - b. Clay, silt, and sand
 - c. Decomposed granite, loam, and organic matter
3. Soil microorganisms are characterized by the following:
 - a. They are living components of the soil
 - b. They include algae, bacteria, and fungi
 - c. They require oxygen, water, and nutrients
 - d. They provide nutrients for the plants
 - e. All of the above
4. According to the "Soils, Plants, and Water" section, which of the following is **NOT** a characteristic plants might have to reduce their water loss?
 - a. Small, sparse leaves
 - b. Thick leaves
 - c. Hairy leaves
 - d. Dark colored leaves
5. The xylem transports water and nutrients from the roots up to the canopy of the tree.
 - a. True
 - b. False
6. Transpiration is the loss of water in the form of vapor from plants' leaves to the atmosphere.
 - a. True
 - b. False

10th Class: Bringing the resources to the students

The AMWUA municipalities share information regarding incentives and rebates that landscapers can take advantage of, to save water and money for their clients





THE UNIVERSITY OF ARIZONA
Cooperative Extension
Maricopa County

SMARTSCAPE

A valuable resource for our community!

Thank you!

